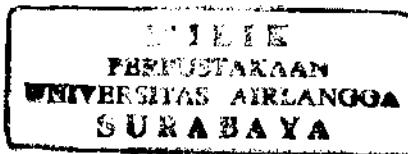


SKRIPSI

DENI APRILIAWATI

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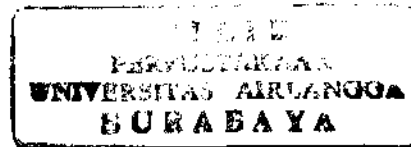


**FAKULTAS FARMASI
UNIVERSITAS AIRLANGGA
BAGIAN ILMU BAHAN ALAM
SURABAYA
2003**

Lembar Pengesahan

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SKRIPSI



**Dibuat Untuk Memenuhi Syarat
Mencapai Gelar Sarjana Farmasi Pada
Fakultas Farmasi Universitas Airlangga**

2003

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ABSTRACT

Acut and sub acut toxicity test extract product of *Phyllanthus niruri* that use Glutamat Oxaloacetic Transaminase, Glutamat Pyruvic Transaminase and liver histopatology changed as a parameter has been done on this research.

Acut toxicity test use mice as an animal tester and sub acut test use 5 groups of rats as animal tester. We usually give oral preparation in acut toxicity with dose 21 g/ kg weigh of mice and an utilization die animal tester is done after 24 hours start. Sub acut test is done for 2 months and each group is gave dose 1 (0.125 mg/ 200 g), dose 2 (0.25 mg/200 g), dose 3 (0.375 mg/ 200 g), dose 4 (0.5mg/ 200g). After that we take a sample of blood through intracardial and take the liver for analisis.

Analisis for Glutamat Oxaloacetic Transaminase and Glutamat Pyruvic Transaminase value use randomized perfect design and analisis of histopatology is used Kruskal Wallis test and continue with Mann-Whitney test.

The result of acut toxicity test is the standardized extract product of *Phyllanthus niruri* relatif not harmful, analisis result from Glutamat Oxaloacetic transaminase and Glutamat Pyruvic Transaminase there is no different between control group and test group.